



PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF DETECTION AT THE INTERSECTION OF US 1 AND KLOSTERMAN AVE.

THE DETECTOR WILL CALL UP THE FOLLOWING PHASES :

- NB US 1 AT DUNFIELD - HOLD THE NB US 1 TRAFFIC.
- SB US 1 AT ST. JOSEPH'S - CALL UP THE NB LEFT TURN PHASE.
- DETECTION ON KLOSTERMAN AVE. WILL BE ON DELAY SO THAT THE ABOVE SIGNAL PHASE WILL ONLY BE CALLED IF THERE IS AN UNREASONABLE DELAY EXISTING ONTO US 1.

EQUIPMENT LIST

ITEM	DESCRIPTION	UNIT	QTY.
1001	MAINTENANCE OF TRAFFIC PER ASSIGNMENT	EA.	1
8021	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)	L.F.	122.0
8022	FURNISH AND INSTALL 1" ELECTRICAL CONDUIT - GALVANIZED SLEEVE	L.F.	10.0
8024	FURNISH AND INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	L.F.	135.0
8033	FURNISH AND INSTALL ELECTRICAL HANDHOLE	EA.	1
8040	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO.14 AWG)	L.F.	396.0
8041	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)	L.F.	700.0

CONSTRUCTION DETAILS

- (A) INSTALL 6' X 30' LOOP DETECTOR (3-6-3) .
- (B) INSTALL 1" GALVANIZED ELECTRICAL CONDUIT SLEEVE FOR DETECTOR WIRE.
- (C) INSTALL ELECTRICAL HANDHOLE .
- (D) INSTALL 2" SCHEDULE 80 RIGID PVC - TRENCHED, FROM NO.1 HANDHOLE TO NO.2 HANDHOLE ONLY.
- (E) INSTALL - 2 CONDUCTOR (ALUMINUM SHIELDED) ELECTRICAL CABLE FROM HANDHOLE NO.1 - NO.6 AND INTO CONTROLLER CABINET.

REVISIONS 		MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION	
ASSISTANT DIVISION CHIEF, TRAFFIC ASSISTANT DISTRICT ENGINEER, TRAFFIC CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION		US 1 AND KLOSTERMAN AVE. DATE: AUGUST 6, 1998	
LOG MILE: 18.33 DRAWN BY: LSH DES. BY: LSH CHK. BY: [Signature] SCALE: NOT TO SCALE	F.A.P. NO. MHD-STPG-00055913E S.H.A. NO. AW 280A571867 COUNTY: BALTIMORE	PLAN SHEET NO. 3827	SHEET NO. 1 OF 1